

IAP9 Rec'd PCT/PTO 02 DEC 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Title of Invention:

LOW CARBOHYDRATE SWEETENER

Inventor:

MICHAEL A. SINGER

San Antonio, Texas

ABSTRACT OF THE DISCLOSURE

This invention pertains to a Low Carbohydrate, Low Glycemic Index, cane sugar-free sweetener comprising a synergistic mixture of Lo Han Quo Extract and Sucralose Liquid or Powder for use in an improved tasting ice-cream or for sweetening baked goods , candy , and beverages.. The ice cream embodiment has less total carbohydrates per serving and 30% less fat and calories than conventional ice cream. An unflavored ice cream composition comprises the following in wt. %:

Ingredients	Range	Best Mode
Lo Han Kuo Extract	0.014 – 0.018	0.016
Sucralose Liquid	0.072 – 0.080	0.076
CC305	0.200 – 0.270	0.235
Glycerin	0.900 - 1.100	1.000
Polydextrose	9.000 – 10.050	9.525
Whey Protein Concentrate	1.550 - 1.620	1.585
Egg Yolk Solids	2.000 - 3.500	2.750
Non fat Dry milk Solids	2.800 - 3.200	3.000
Cream and Skim Milk	83.454 – 80.162	81.813

AMENDED

'B'

IAP9 Rec'd PCT/PTO 02 DEC 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Title of Invention:

LOW CARBOHYDRATE SWEETENER

Inventor:

MICHAEL A. SINGER

San Antonio, Texas

ABSTRACT OF THE DISCLOSURE

This invention pertains to a Low Carbohydrate, Low Glycemic Index, cane sugar-free sweetener comprising a synergistic mixture of Lo Han Kuo Extract and Sucralose Liquid or Powder for use in an improved tasting ice-cream or for sweetening baked goods, candy, and beverages. The ice cream embodiment has less total carbohydrates per serving and 30% less fat and calories than conventional ice cream. The unflavored ice cream composition comprises the following in wt. %.

Ingredients Range Best Mode

Lo Han Kuo Extract	0.014 - 0.018	0.016
Sucralose Liquid	0.072 - 0.080	0.076
CC305	0.200 - 0.270	0.235
Glycerin	0.900 - 1.100	1.000
Polydextrose	9.000 - 10.050	9.525
Whey Protein Concentrate	1.550 - 1.620	1.585
Egg Yolk Solids	2.000 - 3.500	2.750
Non fat Dry milk Solids	2.800 - 3.200	3.000
Cream and Skim Milk	83.454 - 80.162	81.813